

INTERNATIONAL SEARCH REPORT

Internat. Application No
PCT/DK 03/00528A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04R25/00 //A61F11/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04R A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 17838 A (PETTERSEN ODD KR OE ; SINTEF TELE OG DATA (NO); SVEAN JARLE (NO); O) 7 March 2002 (2002-03-07) page 1, line 1 - page 5, line 16 abstract	1-8
P,X	US 2003/012391 A1 (ARMSTRONG STEPHEN W ET AL) 16 January 2003 (2003-01-16) the whole document	1-8
Y	US 5 201 006 A (WEINRICH SOREN) 6 April 1993 (1993-04-06) the whole document	1-8
Y	US 5 577 511 A (KILLION MEAD C) 26 November 1996 (1996-11-26) abstract	1-8

	-/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
"&" document member of the same patent family

Date of the actual completion of the international search

20 November 2003

Date of mailing of the international search report

04.12.2003

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

HENRIK ANDERSSON/MN

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/DK/93/00528

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 154 673 A (OTICON AS) 14 November 2001 (2001-11-14) the whole document ---	1-8
A	US 5 875 254 A (HANRIGHT WILLIAM L) 23 February 1999 (1999-02-23) the whole document -----	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern

Application No

PCT

03/00528

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0217838	A	07-03-2002	NO	20004374 A		04-03-2002
			US	6567524 B1		20-05-2003
			AU	8814701 A		13-03-2002
			CA	2418027 A1		07-03-2002
			EP	1313419 A1		28-05-2003
			WO	0217838 A1		07-03-2002

US 2003012391	A1	16-01-2003	EP	1251714 A2		23-10-2002

US 5201006	A	06-04-1993	DK	412889 A		23-02-1991
			CH	683477 A5		15-03-1994
			DE	4026420 A1		28-02-1991

US 5577511	A	26-11-1996	NONE			

EP 1154673	A	14-11-2001	EP	1154673 A1		14-11-2001

US 5875254	A	23-02-1999	NONE			
